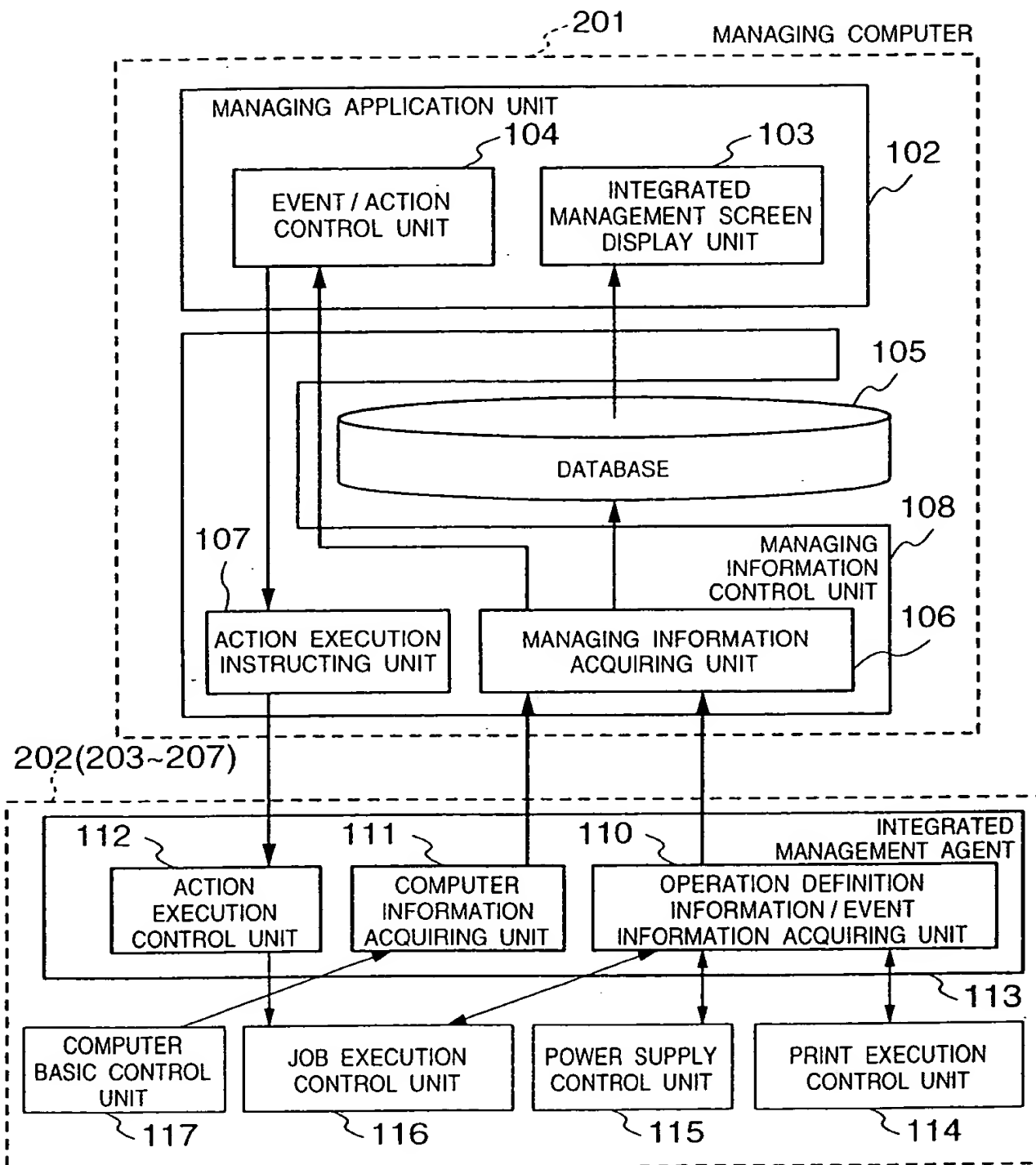


FIG.1



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FIG.2

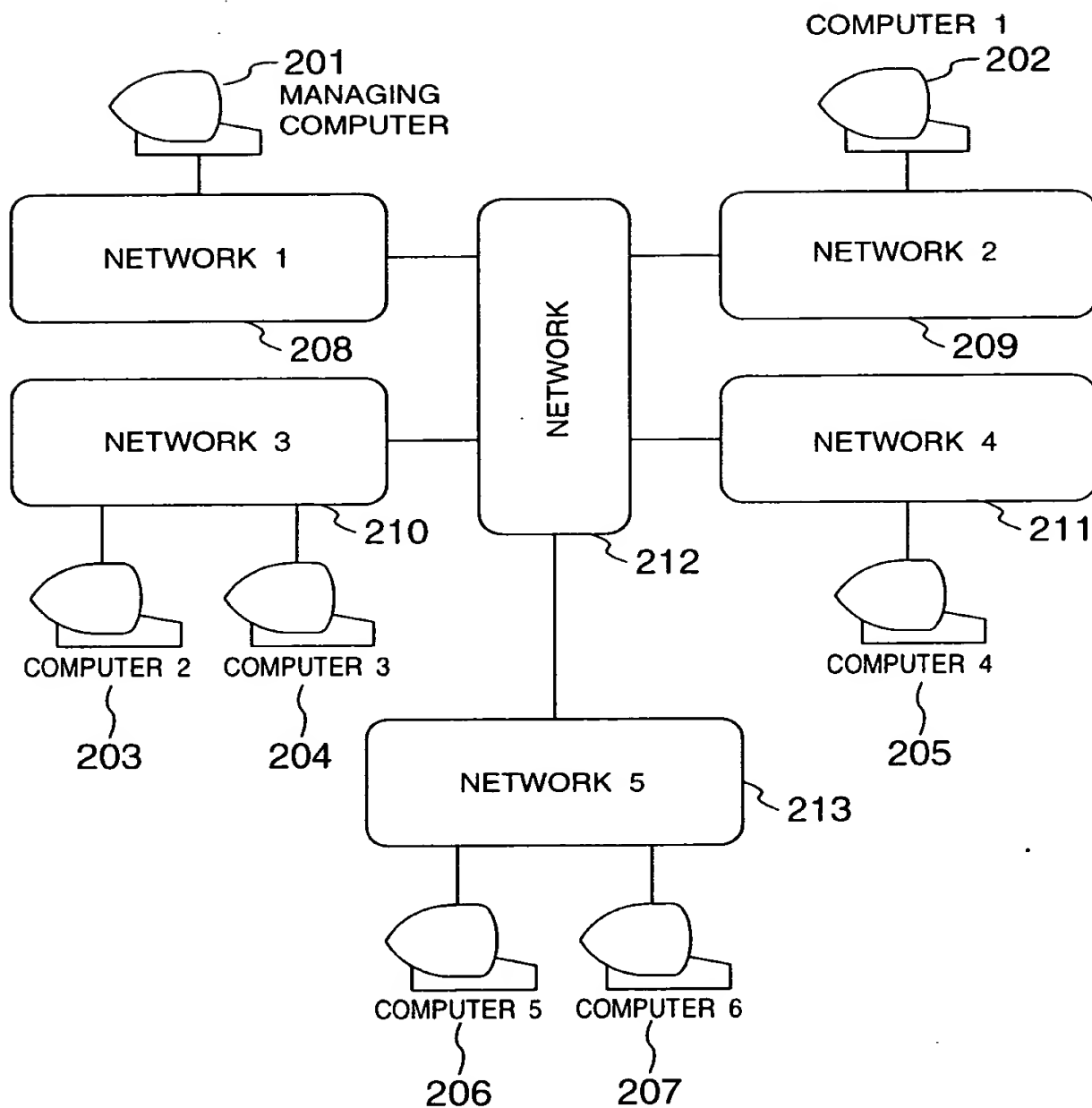
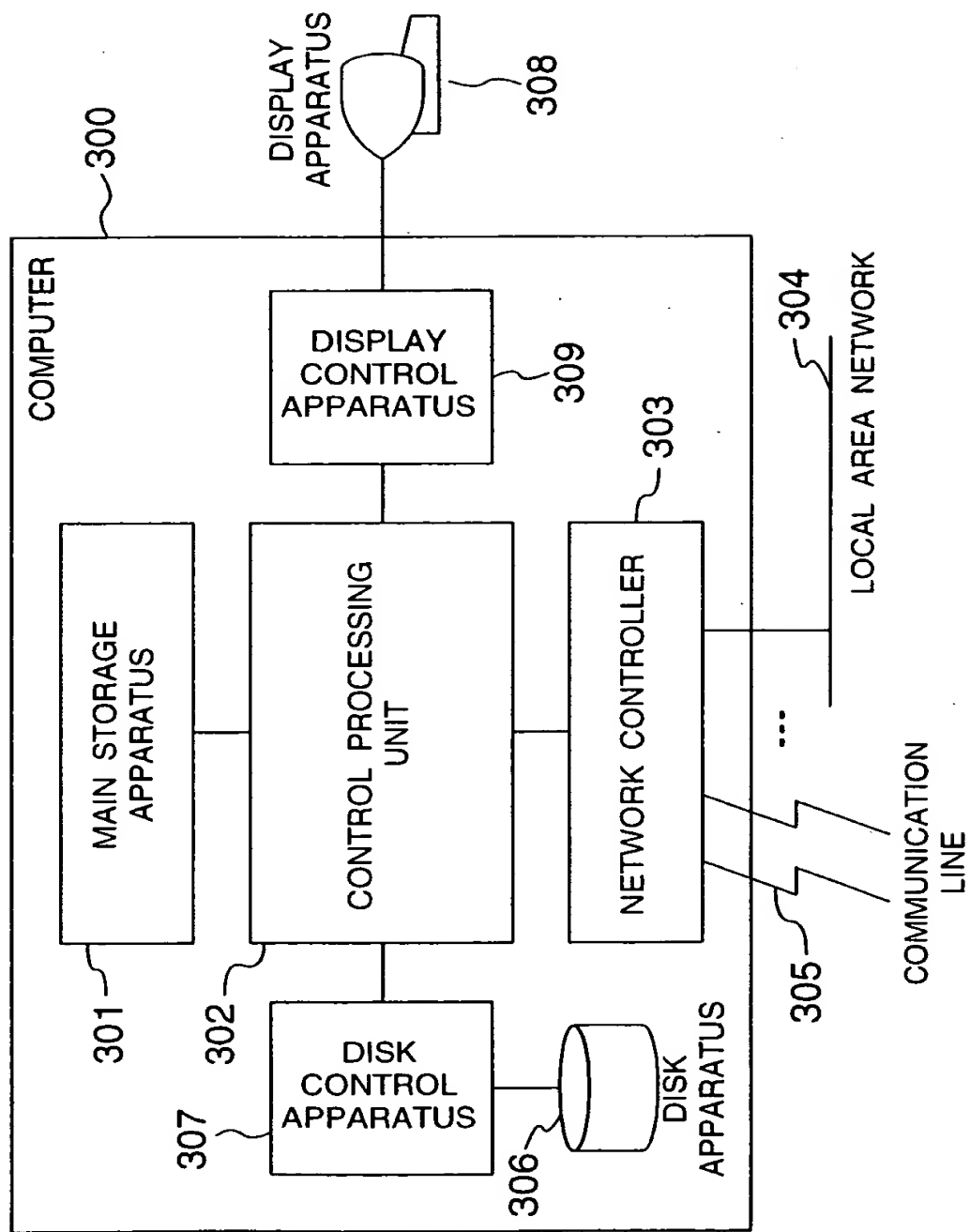


FIG.3



Bibliography

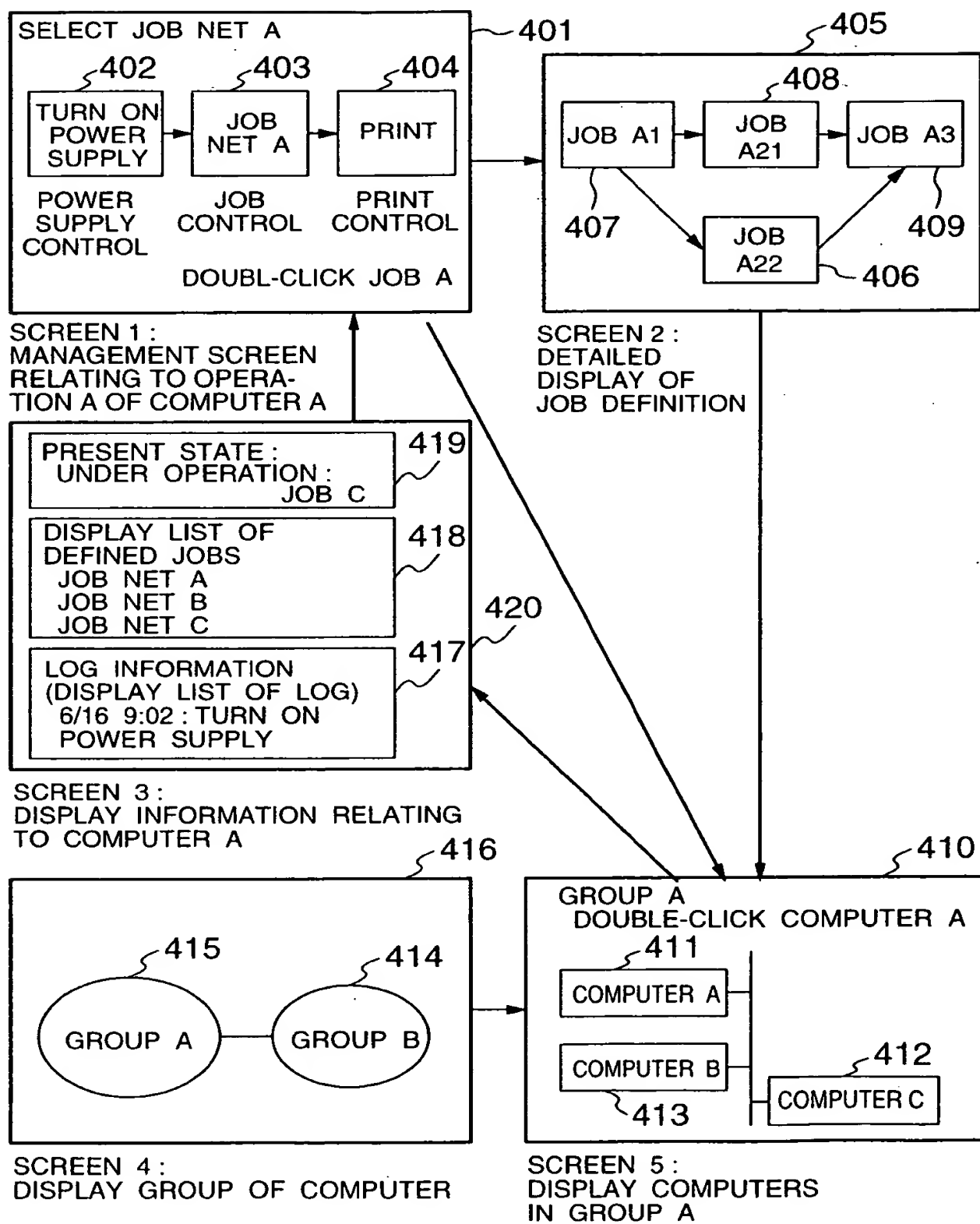
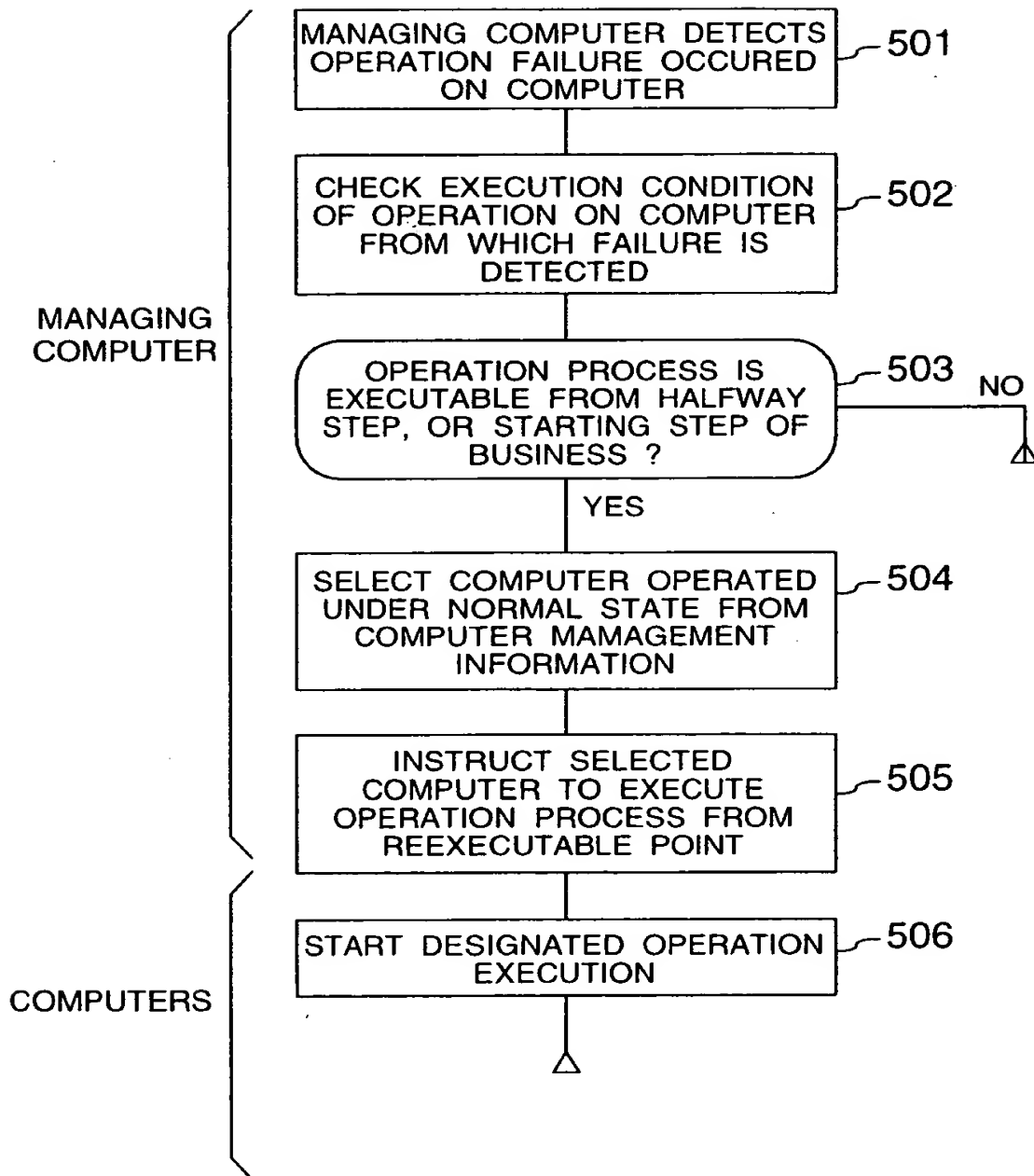
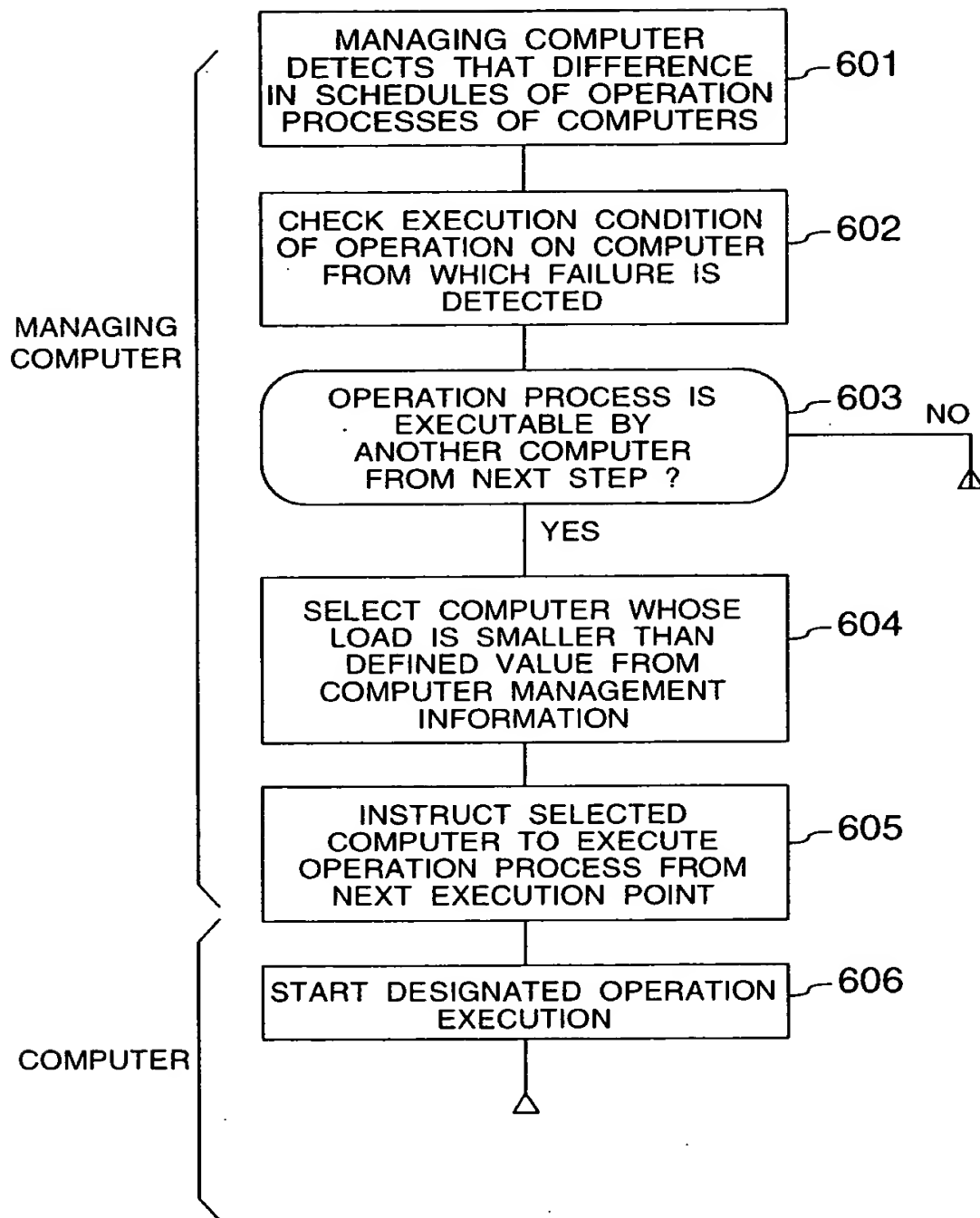


FIG.5



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FIG.6



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FIG.7A

701

COMPUTER GROUP NAME	COMPUTER NAME	COMPUTER CONDITION	CPU UTILIZATION EFFICIENCY	DETAILED INFORMATION
GROUP A	COMPUTER A	NORMAL	20%	
GROUP A	COMPUTER B	NORMAL	50%	
GROUP A	COMPUTER C	ABNORMAL	90%	
GROUP B	COMPUTER D	PARTIALLY ABNORMAL	5%	

FIG.7B

702

OPERATION DEFINITION TABLE

OPERATION DEFINITION IDENTIFIER	COMPUTER NAME	EXECUTION CONDITION	DEFINITION SORT
1101	COMPUTER A	EXECUTED	POWER SUPPLY CONTROL
2101	COMPUTER A	UNDER EXECUTION	JOB NET
3101	COMPUTER A	WAIT FOR EXECUTION	PRINT

FIG.7C

703

OPERATION DEFINITION DETAILED TABLE (POWER SUPPLY CONTROL)

OPERATION DEFINITION IDENTIFIER	POWER SUPPLY INITIATION (DAY)	POWER SUPPLY INITIATION (TIME)		
1101	MONDAY TO FRIDAY	9:00/9:00	MONDAY TO FRIDAY	21:00

FIG.7D

704

OPERATION DEFINITION DETAILED TABLE (JOB NET)

OPERATION DEFINITION IDENTIFIER	JOB NET NAME	INITIATION TIME IN START	INITIATION DAY	CONFIGURATION JOB DEFINITION / STATE
1101	JOB NET A	9:03/9:05	MONDAY TO FRIDAY	JOB A1 / COMPLETE JOB A21/ DELAY

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FIG.8

EVENT / LOG TABLE

705

EVENT / LOG IDENTIFIER	COMPUTER NAME	TIME IN START	EVENT / LOG SORT	OPERATION DEFINITION IDENTIFIER	DETAILED INFORMATION
1001	COMPUTER A	6/16 9:02	POWER SUPPLY ON	1101	NORMAL INITIATION
2001	COMPUTER A	6/16 9:04	START JOB NET A	2101	
3001	COMPUTER A	6/16 9:10	START PRINT	3101	PRINTER A
3002	COMPUTER A	6/16 9:12	END PRINT	3101	PRINTER A, NORMAL STATE

FIG.9

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801

IMPORTANCE DEGREE	DAY	TIME	NOTIFICATION SOURCE	MESSAGE
Normal	97/6/19	9:02:20	COMPUTER A	POWER SUPPLY IS TURNED ON
Normal	97/6/19	9:04:50	COMPUTER A	JOB NET A IS STARTED
Normal	97/6/19	9:10:30	COMPUTER A	PRINT BY PRINTER A IS STARTED
Error	97/6/19	9:13:30	COMPUTER A	FAILURE OCCURS DURING PRINTING OPERATION BY PRINTER A

FIG.10

EVENT / LOG TABLE

801

EVENT / LOG IDENTIFIER	COMPUTER NAME	TIME IN START	EVENT / LOG SORT	CHECK POINT INFORMATION	OPERATION DEFINITION IDENTIFIER	DETAILED INFORMATION
1001	COMPUTER A	6/16 9:02	POWER SUPPLY ON	—	1101	NORMAL INITIATION
2001	COMPUTER A	6/16 9:04	START JOB NET A	—	2101	NORMAL INITIATION
2003	COMPUTER A	6/16 9:04	START JOB A-1	—	2101	NORMAL INITIATION
3001	COMPUTER A	6/16 9:10	START PRINTING	—	3101	PRINTER A
3002	COMPUTER A	6/16 9:12	END PRINTING	—	3101	PRINTER A, NORMAL STATE
2004	COMPUTER A	6/16 9:13	END JOB A-1	OK	2101	NORMAL END
2003	COMPUTER A	6/16 9:14	START JOB A-2	—	2101	NORMAL INITIATION
2004	COMPUTER A	6/16 9:13	END JOB A-2	OK	2101	NORMAL END
2002	COMPUTER A	6/16 9:13	END JOB NET A	—	3101	PRINTER A, NORMAL STATE